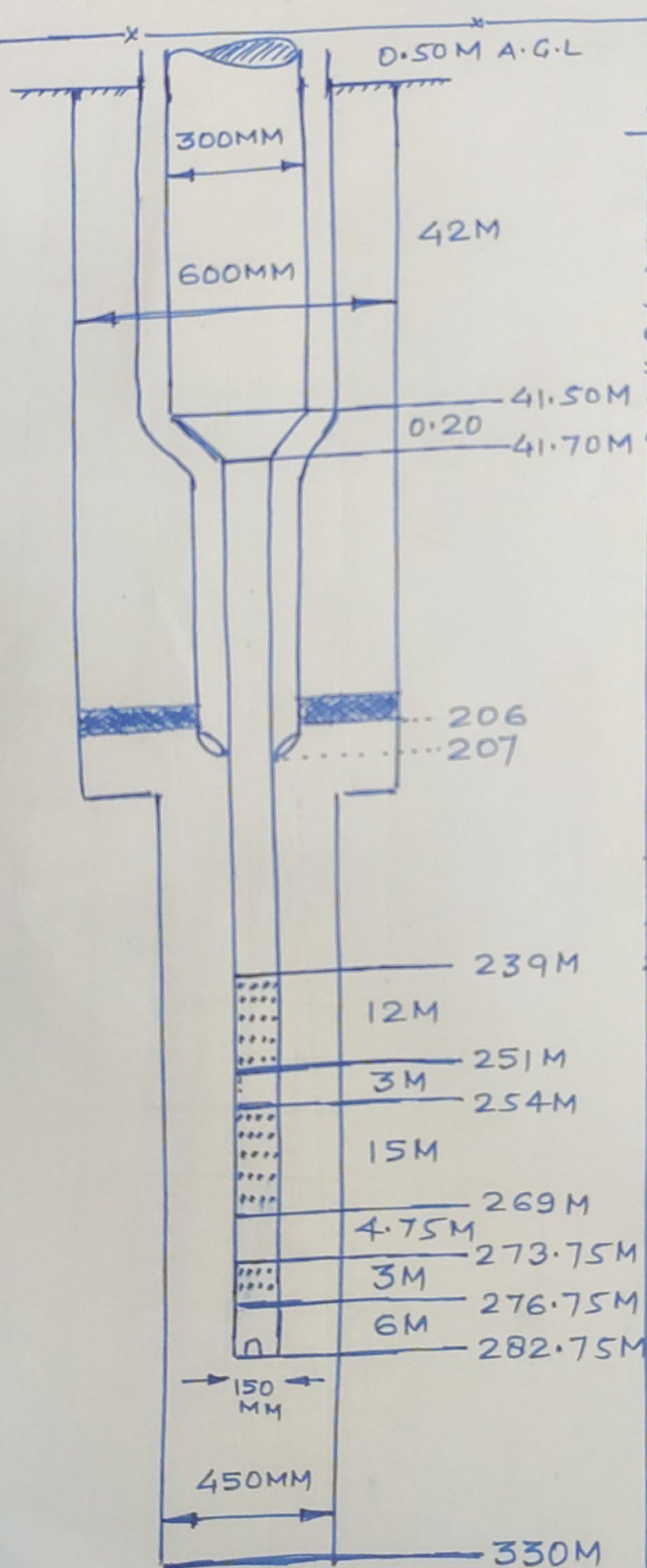


Proposed T/W Assembly of Gandaura w/s
 Scheme Block - Jarwal Distt - Bahraich
 $Q_E = 850 \text{ lpm}$, $H = 39 \text{ m}$, T/W SIZE - $300 \times 150 \text{ mm}$



Logging Report
 as on 28.03.2022

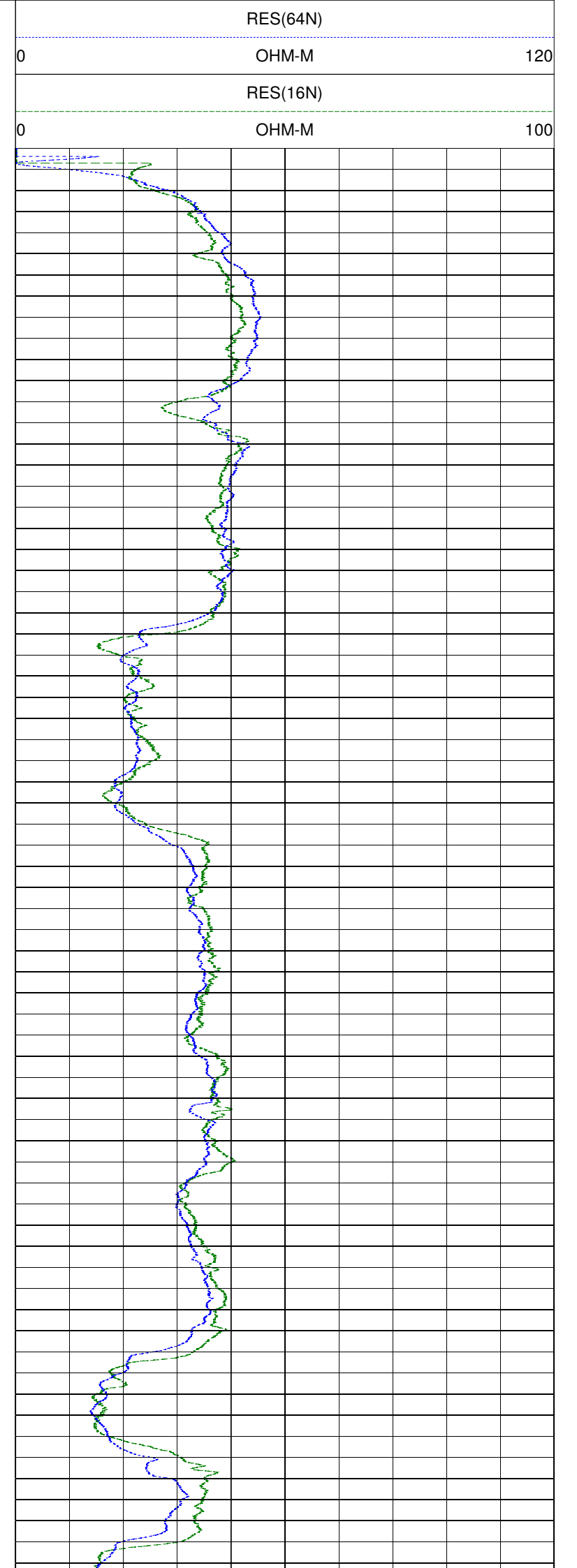
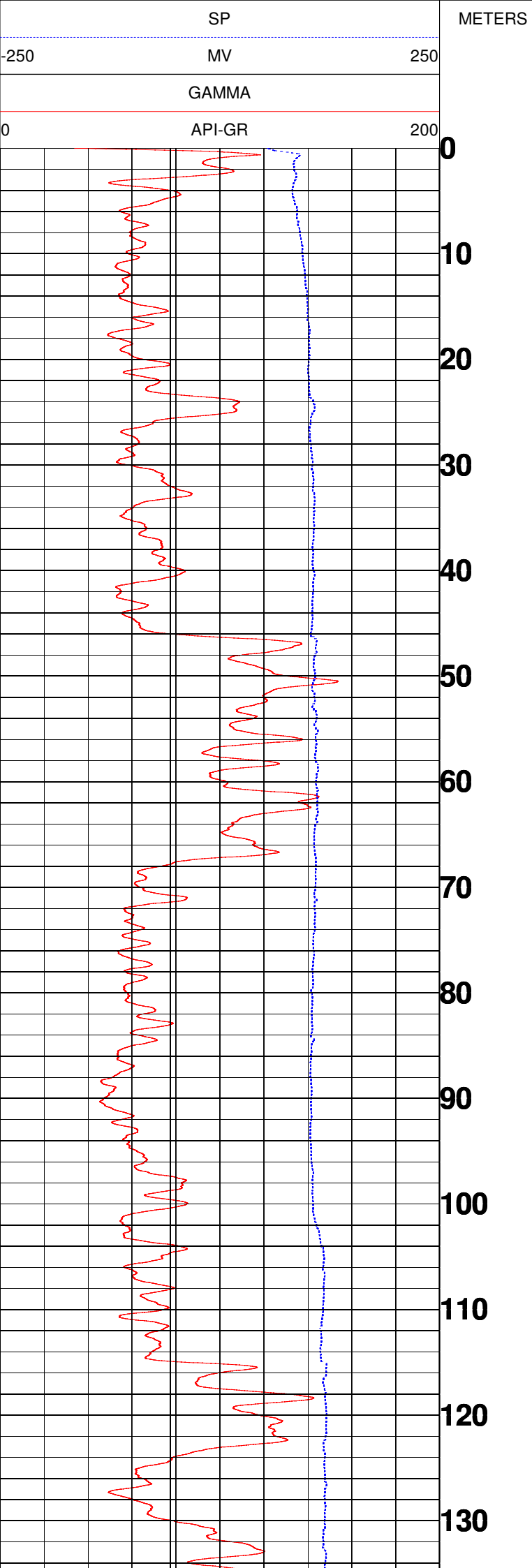
1. 0 - 4 = 4
2. 4 - 23.5 = 19.5
3. 23.5 - 46 = 22.5 = ~~infinitesimal~~
4. 46 - 67.5 = 21.5
5. 67.5 - 97.5 = 30
6. 97.5 - 100.5 = 3
7. 100.5 - 115 = 14.5
8. 115 - 124 = 9 $\Rightarrow$ clay
9. 124 - 130 = 6
10. 130 - 140 = 10 $\Rightarrow$ clay + sand
11. 144 - 147 = 3 $\Rightarrow$ clay
12. 147 - 154.5 = 7.5
13. 154.5 - 163 = 8.5
14. 163 - 167.5 = 4.5
15. 167.5 - 178 = 10.5
16. 178 - 203 = 25
17. 203 - 207.5 = 4.5 $\Rightarrow$ clay
18. 207.5 - 232.5 = 25 $\Rightarrow$ fls + Mls
19. 232.5 - 238 = 5.5 clay
20. 238 - 270 = 32 Mls + fls
21. 270 - 273.5 = 3.5 clay
22. 273.5 - 277 = 3.5 fls
23. 277 - 282.5 = 5.5 clay + sand
24. 282.5 - 285 = 2.5 clay

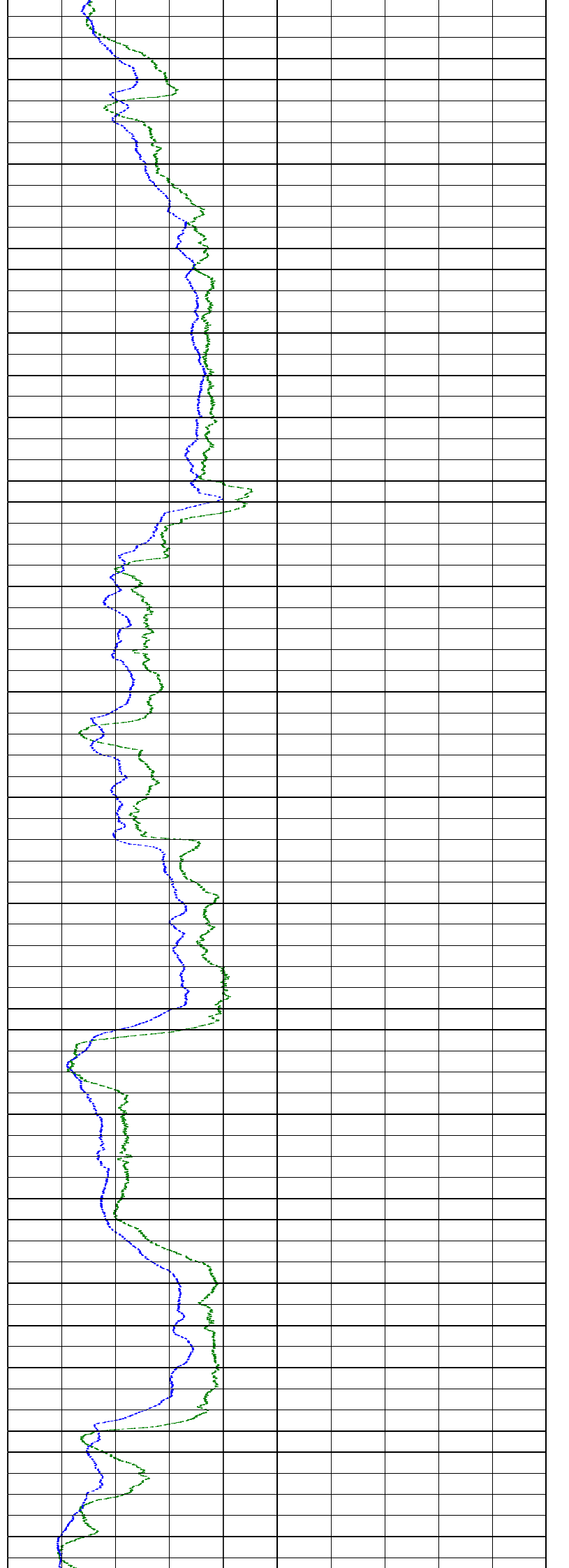
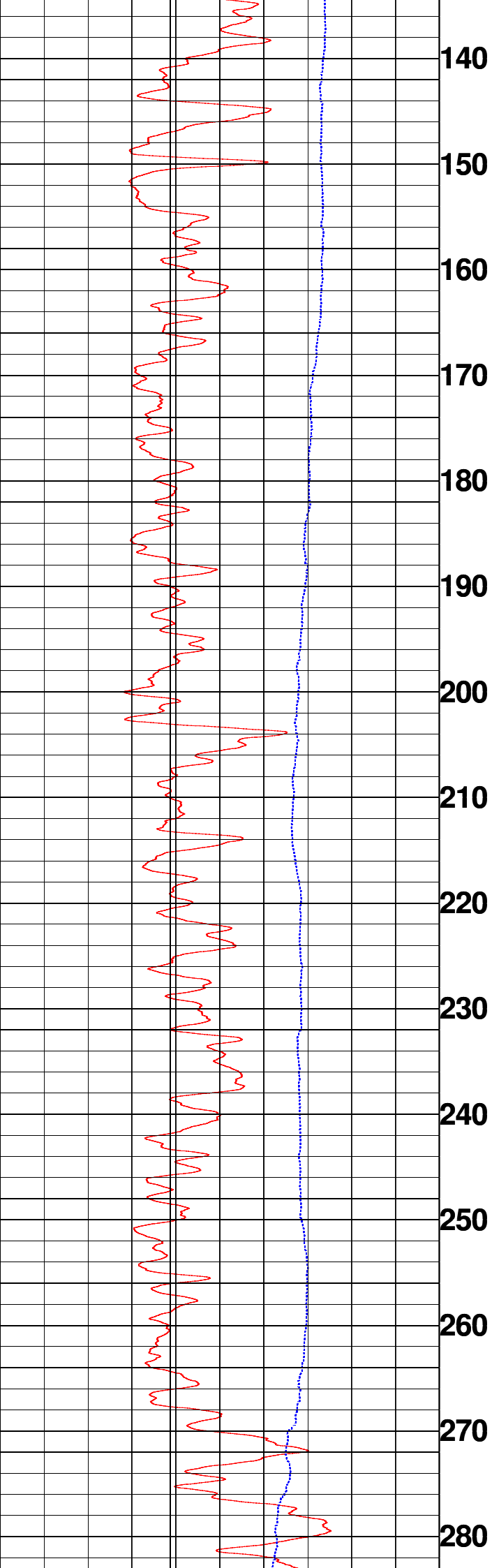


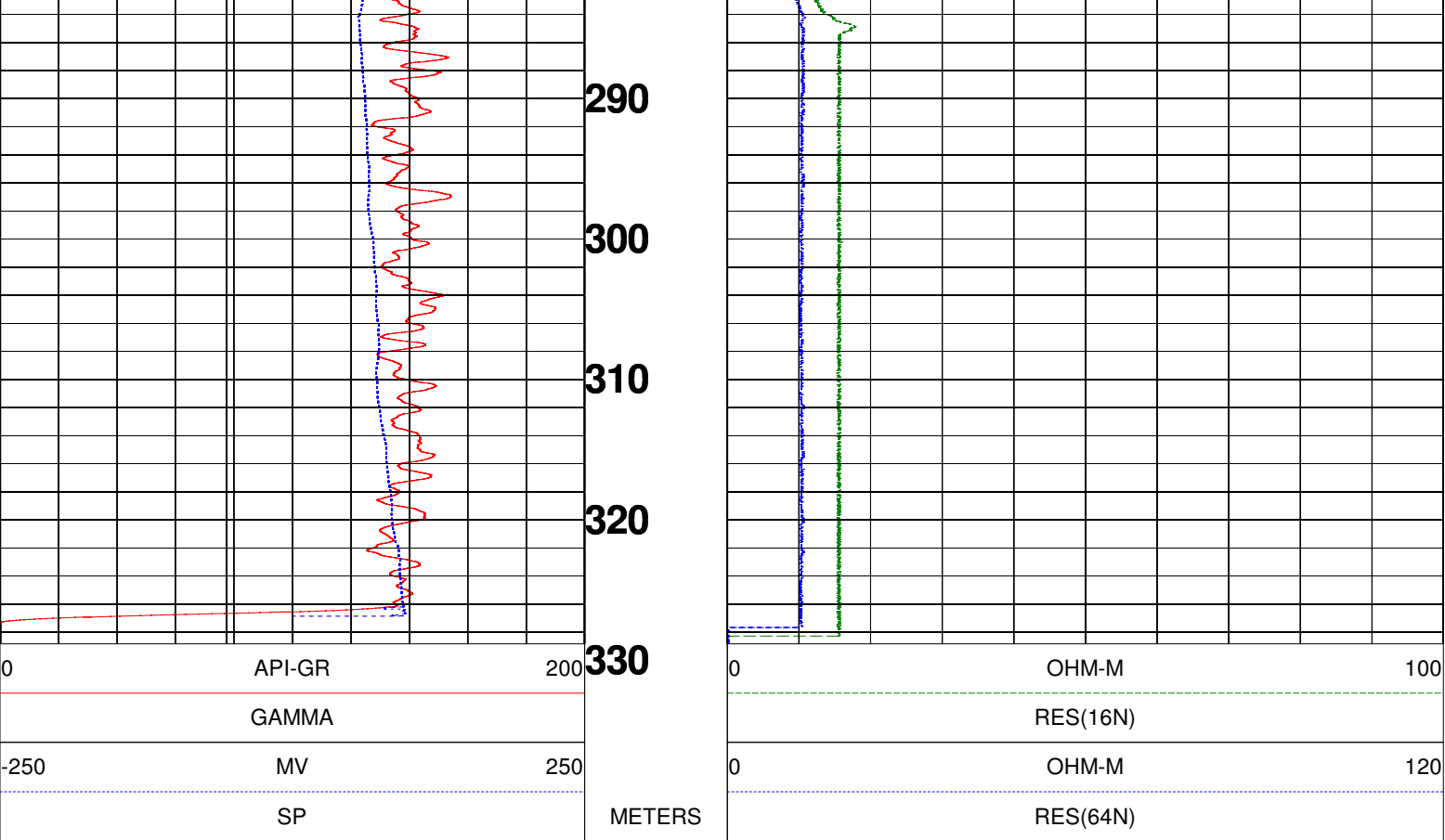
MAPL

GANDAURA,JARWAL

COMPANY : SHIV DRILLERS		OTHER SERVICES:
WELL : GANDAURA,JARWAL		DEPTH
FIELD : JARWAL		SCALE
COUNTY : INDIA		1:200
STATE : UP		
LOCATION :		
SECTION :		
TOWNSHIP :		
RANGE :		
API NO. :		
UNIQUE WELL ID. :		
PERMANENT DATUM : MSL	ELEVATION KB :	
LOG MEASURED FROM: GL	ELEVATION DF :	
DRL MEASURED FROM: GL	ELEVATION GL :	
DATE : 03/28/22	RIG NUMBER :	
DEPTH DRILLER : 330	LOGGER TD :	
BIT SIZE : 12	ARRIVAL TIME :	
LOG TOP : 0.01	DEPARTURE TIME:	
LOG BOTTOM : 328.79	CIRC STOPPED :	
CASING OD :		
CASING BOTTOM : 0		
CASING TYPE :		
BOREHOLE FLUID : MUD		
RM TEMPERATURE :		
MUD RES :		
MUD WEIGHT :		
WITNESSED BY : SHIV DRILLERS		
RECORDED BY : ASHOK KUMAR		
REMARKS 1 :		
REMARKS 2 : NQ SIZE		
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS		









MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	GANDAURA	DATE OF LOGGING:	28.03.2022
BLOCK:	JARWAL	DRILLING DEPTH:	330.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	328.79M
ENGINEER:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.

AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	4	4	Top Soil	
2	4	23.5	19.5	Coares grain sand	Good
3	23.5	25.5	2	Clay	
4	25.5	46	20.5	Coares to medium grain sand	Good
5	46	67.5	21.5	Clay with sand	
6	67.5	97.5	30	Coares grain sand	Good
7	97.5	100.5	3	Medium to fine grain sand	Good
8	100.5	115	14.5	Medium graind sand	Good
9	115	124	9	Clay	
10	124	130	6	Coares grain sand	Good
11	130	140	10	Clay with sand	
12	140	144	4	Medium graind sand	Good
13	144	147	3	Clay	
14	147	154.5	7.5	Medium to fine grain sand	Good
15	154.5	163	8.5	Fine to medium grain sand	Medium
16	163	167.5	4.5	Medium to fine grain sand	Good
17	167.5	178	10.5	Medium graind sand	Good
18	178	203	25	Medium to fine grain sand	Good
19	203	207.5	4.5	Clay	
20	207.5	232.5	25	Fine to medium grain sand	Medium
21	232.5	238	5.5	Clay	
22	238	270	32	Medium to fine grain sand	Good
23	270	273.5	3.5	Clay	
24	273.5	277	3.5	Fine grain sand	Medium
25	277	282.5	5.5	Clay with sand	
26	282.5	328	45.5	Clay	

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist